

# RAW SEQUENCE LISTING

EF8

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/669,441

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IFWO

## RAW SEQUENCE LISTING

DATE: 02/08/2007

PATENT APPLICATION: US/10/669,441

TIME: 14:58:23

Input Set : N:\efs\02\_08\_07\10669441A\_efs\SHAP-110\_Seq\_Listing\_ST25.txt

Output Set: N:\CRF4\02082007\J669441.raw

3 <110> APPLICANT: Shapiro, Leland  
 5 <120> TITLE OF INVENTION: Inhibitors of Serine Protease Activity, Methods and  
 Compositions  
 6 for Treatment of Nitric Oxide-Induced Clinical Conditions  
 8 <130> FILE REFERENCE: SHAP-000110 (Formerly 330310.00101)  
 10 <140> CURRENT APPLICATION NUMBER: 10/669,441  
 11 <141> CURRENT FILING DATE: 2003-09-25  
 13 <150> PRIOR APPLICATION NUMBER: 10/427,929  
 14 <151> PRIOR FILING DATE: 2003-05-02  
 16 <160> NUMBER OF SEQ ID NOS: 1  
 18 <170> SOFTWARE: PatentIn version 3.4  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 417  
 22 <212> TYPE: PRT  
 23 <213> ORGANISM: Homo sapiens  
 25 <300> PUBLICATION INFORMATION:  
 26 <301> AUTHORS: Ciliberto, et al.  
 27 <303> JOURNAL: Cell  
 28 <304> VOLUME: 41  
 29 <306> PAGES: 531-540  
 30 <307> DATE: 1985  
 32 <400> SEQUENCE: 1  
 34 Met Pro Ser Ser Val Ser Trp Gly Ile Leu Leu Ala Gly Leu Cys Cys  
 35 1 5 10 15  
 38 Leu Val Pro Val Ser Leu Ala Glu Asp Pro Gln Gly Asp Ala Ala Gln  
 39 20 25 30  
 42 Lys Thr Asp Thr Ser His His Asp Gln Asp His Pro Thr Phe Asn Lys  
 43 35 40 45  
 46 Ile Thr Pro Asn Leu Ala Glu Phe Ala Phe Ser Leu Tyr Arg Gln Leu  
 47 50 55 60  
 50 Ala His Gln Ser Asn Ser Thr Asn Ile Phe Phe Ser Pro Val Ser Ile  
 51 65 70 75 80  
 54 Ala Thr Ala Phe Ala Met Leu Ser Leu Gly Thr Lys Ala Asp Thr His  
 55 85 90 95  
 58 Asp Glu Ile Leu Glu Gly Leu Asn Phe Asn Leu Thr Glu Ile Pro Glu  
 59 100 105 110  
 62 Ala Gln Ile His Glu Gly Phe Gln Glu Leu Leu Arg Thr Leu Asn Gln  
 63 115 120 125  
 66 Pro Asp Ser Gln Leu Gln Leu Thr Thr Gly Asn Gly Leu Phe Leu Ser  
 67 130 135 140  
 70 Glu Gly Leu Lys Leu Val Asp Lys Phe Leu Glu Asp Val Lys Lys Leu  
 71 145 150 155 160  
 74 Tyr His Ser Glu Ala Phe Thr Val Asn Phe Gly Asp His Glu Glu Ala  
 75 165 170 175.

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78 Lys Lys Gln Ile Asn Asp Tyr Val Glu Lys Gly Thr Gln Gly Lys Ile
79           180           185           190
82 Val Asp Leu Val Lys Glu Leu Asp Arg Asp Thr Val Phe Ala Leu Val
83           195           200           205
86 Asn Tyr Ile Phe Phe Lys Gly Lys Trp Glu Arg Pro Phe Glu Val Lys
87           210           215           220
90 Asp Thr Glu Asp Glu Asp Phe His Val Asp Gln Val Thr Thr Val Lys
91 225           230           235           240
94 Val Pro Met Met Lys Arg Leu Gly Met Phe Asn Ile Gln His Cys Lys
95           245           250           255
98 Lys Leu Ser Ser Trp Val Leu Leu Met Lys Tyr Leu Gly Asn Ala Thr
99           260           265           270
102 Ala Ile Phe Phe Leu Pro Asp Glu Gly Lys Leu Gln His Leu Glu Asn
103           275           280           285
106 Glu Leu Thr His Asp Ile Ile Thr Lys Phe Leu Glu Asn Glu Asp Arg
107           290           295           300
110 Arg Ser Ala Ser Leu His Leu Pro Lys Leu Ser Ile Thr Gly Thr Tyr
111 305           310           315           320
114 Asp Leu Lys Ser Val Leu Gly Gln Leu Gly Ile Thr Lys Val Phe Ser
115           325           330           335
118 Asn Gly Ala Asp Leu Ser Gly Val Thr Glu Glu Ala Pro Leu Lys Leu
119           340           345           350
122 Ser Lys Ala Val His Lys Ala Val Leu Thr Ile Asp Glu Lys Gly Thr
123           355           360           365
126 Glu Ala Ala Gly Ala Met Phe Leu Glu Ala Ile Pro Met Ser Ile Pro
127           370           375           380
130 Pro Glu Val Lys Phe Asn Lys Pro Phe Val Phe Leu Met Ile Glu Gln
131 385           390           395           400
134 Asn Thr Lys Ser Pro Leu Phe Met Gly Lys Val Val Asn Pro Thr Gln
135           405           410           415
138 Lys

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**VERIFICATION SUMMARY**

DATE: 02/08/2007

PATENT APPLICATION: US/10/669,441

TIME: 14:58:24

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